Docket No.   247273US2SRD DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hirofumi MURATANI

SERIAL NO: NEW DIVISIONAL APPLICATION	GAU:
FILED: HEREWITH	EXAMINER:

FOR: CODE GENERATING METHOD AND UNIT THEREOF, CODE DETECTING METHOD AND UNIT THEREOF, AND WATERMARK EMBEDDING UNIT AND WATERMARK DETECTING UNIT

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
    Applicant(s) wish to disclose the following information.

REFERENCES

■   **The applicant(s) wishes to make of record the references listed on the attached PTO-1449 form. Copies of the listed references were made of record in parent application serial no. 09/658,565, filed September 8, 2000, as were either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.**

☐   A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐   Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.

☐   A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐   Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
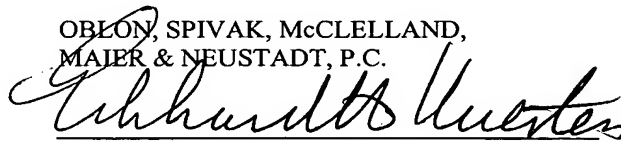
☐   No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

■   Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

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Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 247273US2SRD DIV		SERIAL NO. New Divisional Application
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Hirofumi MURATANI		
		FILING DATE Herewith		GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,664,018	09/02/97	LEIGHTON, F.			
	AB	5,915,027	06/22/99	COX, et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AO	WO 97/34391	09/18/97	WIPO		
	AP	2000-3129	01/07/00	JAPAN		X
	AQ	9-191394	07/22/97	JAPAN	X	
	AR	11-288217	10/19/99	JAPAN		X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AS	V.R.L. SHEN, et al., IEICE Trans. Fundamentals, vol. E80-A, No. 10 pages 2035-2037, XP-000767254, "NOVEL CRYPTOGRAPHIC KEY ASSIGNMENT SCHEME FOR DYNAMIC ACCESS CONTROL IN A HIERARCHY", October 1, 1997
	AT	Jun YOSHIDA, et al., "A Coding Method for Collusion-Secure Watermark and Less Decline," The 1998 SYMPOSIUM ON CRYPTOGRAPHY AND INFORMATION SECURITY (SCIS '98), 10.2.A, January 28-31, 1998.
	AU	Dan BONEH, et al., "Collusion-Secure Fingerprinting for Digital Data," CRYPTO '95, 1995, pp. 452,465.
	AV	Masahiro SUZUOKI, et al., "A Scheme of Making Collusion-Secure Watermark," The 1997 SYMPOSIUM ON CRYPTOGRAPHY AND INFORMATION SECURITY (SCIS '97), January 29-February 1, 1997, pp. 1-10.
	AW	Tetsuya YAMAMOTO, et al., "A Method of Image Watermarking Which Can Detect All Illegal Users in Collusion," THE 1998 SYMPOSIM ON CRYPTOGRAPHY AND INFORMATION SECURITY (SCIS '98), 10.2 B., January 28-31, 1998, pp. 1-8.
	AX	Neal R. WAGNER, "Fingerprinting, "PROCEEDINGS OF THE 1983 SYMPOSIUM ON SECURITY AND PRIVACY, April 1983, pp. 18-22.
	AY	G. R. BLAKELEY, et al., "Fingerprinting Long Forgiving Messages," CRYPTO '85, pp. 180-189.
	AZ	Ingemar J. COX, et al., "Secure Spread Spectrum Watermarking for Multimedia," NEC RESEARCH INSTITUTE TECHNICAL REPORT 95-10, 1995, PP. 1-33.
	AAA	Hirofumi MURATANI, "Collusion Resilience of Digital Watermarking," The 2000 SYMPOSIUM ON CRYPTOGRAPHY AND INFORMATION SECURITY (SCIS 2000), c06, January 26-28, 2000, pp. 1-8
	AAB	Joe KILIAN, et al., "Resistance of Digital Watermarks to Collusive Attacks," DEPARTMENT OF COMPUTER SCIENCE TR-585-98, pp. 1-23.	☐ Additional References sheet(s) attached

Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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